



## INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification<sup>6</sup>:

H04Q 7/20, H04B 1/38, H04M 1/00

A1

(11) International Publication Number:

WO 99/55102

(43) International Publication Date:

28 October 1999 (28.10.99)

(21) International Application Number: PCT/IL99/00214

(22) International Filing Date: 22 April 1999 (22.04.99)

(30) Priority Data:

60/082,618

22 April 1998 (22.04.98)

US

(71) Applicant (for all designated States except US): NETLINE COMMUNICATIONS TECHNOLOGIES (NCT) LTD. [IL/IL]; Kaufman Street 2, 68012 Tel Aviv (IL).

(71)(72) Applicants and Inventors: TE-ENI, Ben [IL/IL]; Ir-Shemesh Street 53A, 69086 Tel Aviv (IL). ISRAELI, Gil [IL/IL]; Hagefen Street 38, 99797 Karmel-Yosef (IL).

(74) Common Representative: ISRAELI, Gil; Hagefen Street 38, 99797 Karmel-Yosef (IL).

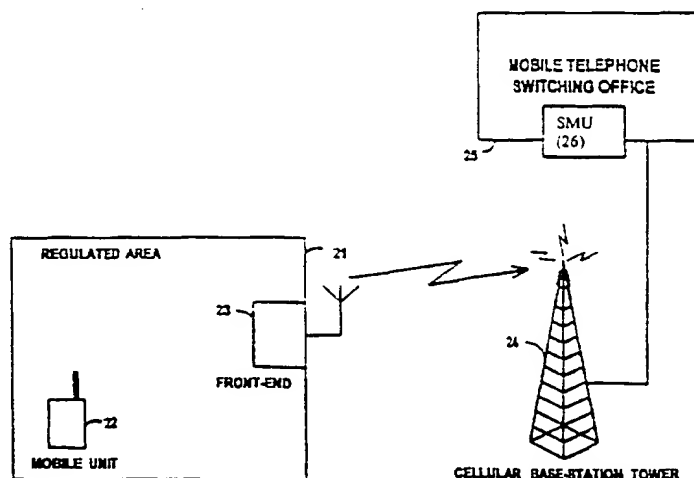
(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).

## Published

With international search report.

Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.

(54) Title: METHOD AND SYSTEM FOR PROVIDING CELLULAR COMMUNICATIONS SERVICES



## (57) Abstract

A system for location and service provisioning based on mobile phone location is disclosed. In the representative embodiment a front-end unit (23) assists a cellular mobile switching center (25) in logical determination of mobile phone location. Said switching center (25) queries a database of user profiles (26) to determine which services should be provided to the mobile phone subscriber in his current location.